

Dialogic®

IPT10000C IP Board

Quick Install Card

Dialogic®

Part Number 64-0082-02
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Before You Begin

Protecting the Board from Damage

CAUTION: All computer boards are sensitive to electrostatic discharge ("ESD"). Handle all static-sensitive boards and components at a static-safe work area, and observe anti-static precautions at all times.

If you are not familiar with ESD safety precautions, visit <http://www.dialogic.com/support/hwinstall> to learn more.

Unpacking the Board

Unpack the Dialogic® IPT10000C IP Board ("board") according to the following steps:

1. Prepare a static-safeguarded work area.
2. Carefully remove the board from the shipping carton and anti-static packaging. Handle the board by the edges and avoid touching the board's components.
3. Lay the board on the static-dissipative work surface.

Note: Place boards in static-shielding bags when carrying boards from station to station.

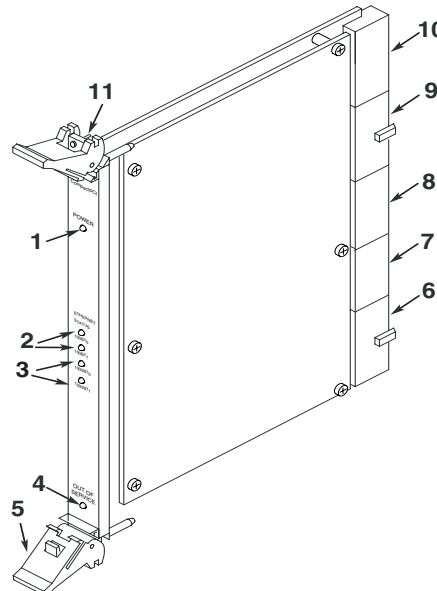
CAUTION: Do not remove the board from the anti-static packaging until you are ready to install it. Observe proper anti-static precautions at all times.

Installing the Hardware

Note: The hardware must be installed before the system software.

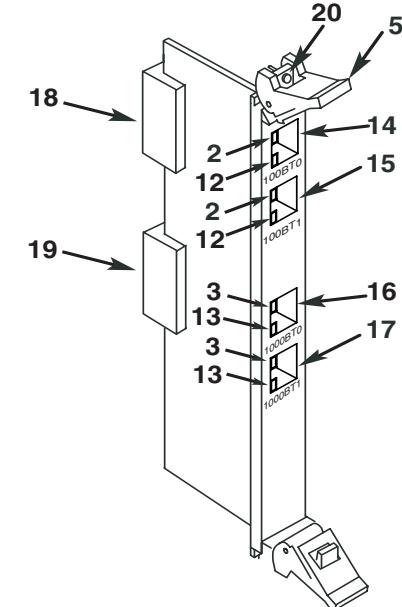
1. Turn the power to the chassis **OFF** if you do not have a live insertion system. If you have live insertion capability, the power to the chassis can remain **ON**.

Physical Description



Main Board

1. **Power LED**
2. **Green LED**: Link Established indicator for 100BASE-TX port
3. **Green LED**: Link Established indicator for 1000BASE-T port
4. **Out of Service LED**: Indicates board is out of service or in reset from the host.
5. **Board Extractor (with red locking tab)**
6. **J1**: Connector to Compact PCI backplane
7. **J2**: Connector to Compact PCI backplane
8. **J3**: Connector to Compact PCI backplane
9. **J4**: Connector to Compact PCI backplane
10. **J5**: Connector to Compact PCI backplane
11. Baseboard retaining screw
12. **Yellow LED**: Activity indicator for 100BASE-TX port



Rear I/O Module

13. **Yellow LED**: Link Not Established indicator for 1000BASE-T port
14. **100BT 0**: Port 0 connector to 100BASE-TX Ethernet Network
15. **100BT 1**: Port 1 connector to 100BASE-TX Ethernet Network
16. **1000BT 0**: Port 0 connector to 1000BASE-T Ethernet Network
17. **1000BT 1**: Port 1 connector to 1000BASE-T Ethernet Network
18. **J5**: Rear I/O module connector to Compact PCI backplane
19. **J3**: Rear I/O module connector to Compact PCI backplane
20. Rear I/O module retaining screw

2. Remove the cover plate or open front chassis door.
3. Select an empty peripheral expansion bus slot.
4. Use the slot's board guides as you insert the board into the chassis slot. Make sure that the tabs on the board extractors engage the guide holes in the chassis card cage, then lock down the board extractors until the red locking tabs snap shut.

CAUTION: cPCI backplane pins are bent easily. Make sure that the board is seated with hand pressure before fully seating board. If the board extractors are used to seat the board, make sure to seat evenly.

Note: If the power to the chassis is on, power is automatically applied to the board, the Out of Service LED lights briefly and then goes out, and the Power LED goes on.

5. Tighten the retaining screws to secure the board firmly in the chassis slot.
6. Connect the Rear I/O module to the rear of the slot selected in Step 3.

CAUTION: Damage to the board will result if an incorrect rear I/O module is used. Use a Rear I/O module only and be careful to install the module in the correct slot.

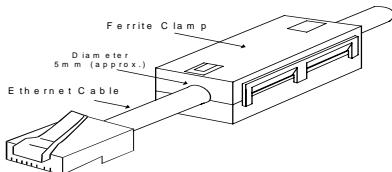
Use the slot's board guides as you insert the board into the chassis slot. Make sure that the tabs on the board extractors engage the guide holes in the chassis card cage, then lock down the board extractors until the red locking tabs snap shut.

CAUTION: cPCI backplane pins are bent easily. Make sure that the board is seated with hand pressure before fully seating board. If the board extractors are used to seat the board, make sure to seat evenly.

7. Tighten the retaining screws to secure the board firmly in the chassis slot.
8. Select a new slot and repeat steps 4-7 for each board you are installing.
9. If the power to the chassis was turned OFF in step 1, turn the power to the chassis ON.

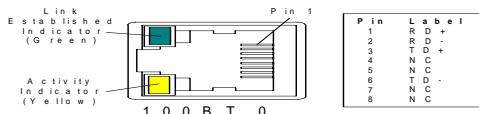
Connecting External Cables

Connect either the 100BASE-TX or 1000BASE-T Ethernet cables to the appropriate Rear I/O module connectors. When connecting the Ethernet cables, install a snap-fit ferrite clamp on each cable as close as possible to the connector on the Rear I/O module.

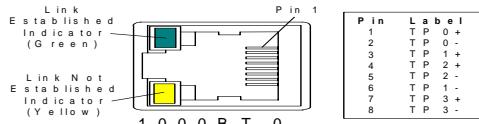


CAUTION: A ferrite clamp **must** be installed on all cables that connect to Ethernet connectors to meet EMC requirements. Two ferrite clamps have been provided, therefore only two cables can be connected at one time.

100BASE-TX Ethernet Connector Pinouts



1000BASE-T Ethernet Connector Pinouts



After Installing Hardware

After installing the hardware, run the Dialogic® Configuration Manager (DCM) as described in the installation instructions included with the Dialogic® System Software to configure your system. For technical specifications and product information go to:
<http://www.dialogic.com/products.htm>.

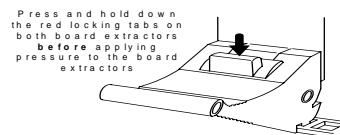
Uninstalling the Hardware

Removing the Main Board

Exercise caution when removing the board from a cPCI chassis. The board extractors are equipped with red locking tabs that lock when the board is correctly positioned in the chassis.

CAUTION: When removing the board, if the red locking tabs on the extractors are not pressed while applying pressure to the extractors, there is a risk of breaking.

To remove the board from the chassis, simultaneously press down both red locking tabs (see the figure below) on the extractors before applying pressure away from the center of the board to release the board from the chassis.



Removing the Rear I/O Module

In a live insertion (powered-on) system, do not remove and replace a Rear I/O module while the main (front) board is in service. Remove the front board first, then remove and replace the Rear I/O module, and then reinsert the front board. Remove the Rear I/O module using the red locking tabs as described above.

Warranty and Return Information

For specific warranty information for this board, refer to the Warranty section of the Products page, located at this URL: <http://www.dialogic.com/warranties/>.

Contacting Technical Support

Dialogic provides technical support for its products through a network of value added distributors who are trained to answer technical questions on installing and configuring Dialogic® products. If you are unsure how to contact your support channel, please call Dialogic in the United States at 973-967-6600 (9am-5pm EST) and we will assist in obtaining the appropriate support channel. Outside the United States please refer to <http://www.dialogic.com/support/contact> to obtain local contact information. Dialogic also provides direct support via Dialogic® Pro™ Services agreements. For more details of direct support from Dialogic please refer to: <http://www.dialogic.com/support/DialogicPro>.

Returning a Product

To return a board for warranty repair or any other returns, please refer to the following:
<http://www.dialogic.com/support/hwfaul>.

Sales Assistance

If you have a sales question, please contact your local Sales Representative or the Regional Sales Office for your area. Address, telephone and fax numbers, are available at the Dialogic website located at:

<http://www.dialogic.com/contact.htm>. To purchase Dialogic® products, please refer to the following website to locate the appropriate supplier:
<http://www.dialogic.com/purchase.htm>.

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